

ABSTRACT OF THE DISCLOSURE

Individual components are separated with a high concentration and accurately, from a sample containing components-to-be-separated. The separation apparatus includes a channel through which a sample containing components-to-be-separated moves; and gateway portions partitioning the separation channel into a plurality of compartments. The separation apparatus further includes an external force imposing unit, which imposes external force to the components-to-be-separated so as to allow them to move through the channel. The external force imposing unit is configured so as to alternately repeatedly execute a first external force imposing pattern by which the external force is imposed in the forward direction of the channel, and a second external force imposing pattern by which the external force is imposed in the direction opposite to the forward direction along the channel. This makes it possible to fractionate the components-to-be-separated into any of the compartments.